



FIG. 1

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	1		50
AiBtR	(1)	MGVDVRILTAALVLLAASSTTSAQGMPPFESRCAYMTDIPRPDERPELPPI	
SfBtR	(1)	MAVDVRILTATLLVLTATAQRDR-----CGYMVEIPRPDRP-DFPPQ	
HzBtR	(1)	MAVDVRILTAAVFIIAAHLTFAQD-----CSYMVAIPRPERP-DFPSL	
OnBtR	(1)	MGVERFFPAVLLVSLASAALANQR-----CSYIIAIPRPETP-ELPPI	
BmBtR	(1)	MGVDVRILATLLLIYAETVLAQER-----CGFMVAIPRP RP-DLPEL	
MsBTR	(1)	MAVDVRIAFLVFIAPAVLAQER-----CGYMTAIPRLRPDPNLPVL	
		Signal Peptide	
	51		100
AiBtR	(51)	IYDGLSWNERPLVPANEDRLDVCMDFFF-----RGMQYIFMEEEEIHGD	
SfBtR	(43)	NFDGLTWAQQPLLPAED-REEVCLNDYEPDPWSNNHGDQRIYMEEEEIEGP	
HzBtR	(43)	NFDGIPWSRYPLIPVEG-REDVCMNEFQ---PDALNPVTVIFMEEEEIEGD	
OnBtR	(43)	DYEGKSWSEQPLIPGPT-REEVCMEN-----FLPDQMIQVIYMEEEEIEGD	
BmBtR	(43)	DFEGQTWSQRPLIPAAD-REDVCM DGYH--AMTP TYGTQIIYMEEEEIEGE	
MsBTR	(44)	NFEGQTWSQRPLLPAPPE-RDDL CMDAYH--VITANLGTQVIYMDEEIEDE	
	101		150
AiBtR	(94)	VPIAKLNYIGDKIPYVHSTFTVGSFRLLGPEIRKISG---DWHLVITNRQ	
SfBtR	(92)	VVI AKINYQGNTPPQIRLPFRVGA AHMLGAEIREY PDATGDWYL VITQRQ	
HzBtR	(89)	VAIARLN YRG T NTP TIVSPFSFGTFNMLGPVIRRI PENGGDWHLVITQRQ	
OnBtR	(87)	VIIAKLNYQG--SNTPVLSIMSGQPRAQLGPEFRQNEADGQWSLVITQRQ	
BmBtR	(90)	VPIAKLNYRGP NVPYIEPAFLSGSFNLLVPVIRRI PDSNGEWHLIITQRQ	
MsBTR	(91)	ITIAILNYNGPSTPFIELPFLSGSYNLLMPVIRRV DN--GEWHLIITQRQ	
	151		200
AiBtR	(141)	DYEAG-TWFHAFTIRIDN-EVDAEVM LAIVNIDDNDPLIDLSEPCQIAEQ	
SfBtR	(142)	DYETPDMQRYTFDVSVEGQSLVTVRLDIVNIDDNAPIIEMLEPCNLPEL	
HzBtR	(139)	DYETPGMQQYIFDVRVDDEPLVATVMLLIVNIDDNDPIIQMFEP CDIPER	
OnBtR	(135)	DYETATMQSYVFSIQVEGESQAVLVALEIVNIDDNPPILOQVVSACV IPEH	
BmBtR	(140)	DYETPGMQQYVFNIRIDGETLVAGVSL LIVNIDDNAPIIQALEPCQVDEL	
MsBTR	(139)	HYELPGMQQYMFNVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEP CRVPEL	
	201		250
AiBtR	(189)	RDARSVKTCRYIVHDVDGEISTR FMRYEIESGRG-DEEVFSLVREQAPNN	
SfBtR	(192)	VEPH-VTECKYIVSDADGLISTSVMSYHIDSERG-DEKVFELIRKDYPG-	
HzBtR	(189)	GETG-ITSCKYTVSDADGEISTR FMRF EISSDRD-DDEYFELVRENIQG-	
OnBtR	(185)	GEAR-LTDCVYQVSDRDGEISTR FMTRFDSSRAADESIFYMVGEYDPS-	
BmBtR	(190)	GEAR-LTECVYVVTADAGRISTQFMQFRIDSDRG-DDKIFYIQGANIPG-	
MsBTR	(189)	GEPG-LTECTYQVSDADGRISTEFMTFRIDSVRG-DEETFYIERTNIPN-	
	251		300
AiBtR	(238)	EWMWCYMVVEVKGSLDFAQNPLHI FRAHAFDSKDNTHSVLM TVEVKNEQ	
SfBtR	(239)	DWTKVYMVLELKKSLDYEENPLHI FRVTASDSL PNNRTVMMVEVENVEH	
HzBtR	(236)	QWMYVHMRVHVKKPLDYEENPLHLFRVTAYDSL PNTHTVTMMVQVENVEN	
OnBtR	(233)	DWFNMKMTVGINSPLNFETTQLHIFSVTASDSL PNNHTVTMMVQVENVES	
BmBtR	(237)	EWIRMTMTVGINEPLNFETNPLHIFSVTALDSL PNTHTVTLMVQVENVEH	
MsBTR	(236)	QWMWLNMTIGVNTSLNFVTSPLHIFSVTALDSL PNTHTVTMMVQVANVNS	

FIG. 2A

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		301	350
AiBtR	(288)	RPPQWIEIFAVQQFDEKIKKSFRVRAIDADTGINKTISYRLRTAVGEENL	
SfBtR	(289)	RNPRWMEIFAVQQFDEKQAKSFTVRAIDGDTGINKPIFYRIETEDKEF	
HzBtR	(286)	RPPRWMEIFAVQQFDEKTEQSFRVRAIDGDTGIDKPIFYRIETEKGEEDL	
OnBtR	(283)	RPPRWVEIFSVQQFDEKTNQSFSLRAIDGDTGINRAINYTLIR-DDADDF	
BmBtR	(287)	RPPRWVEIFAVQQFDEKTAQSPVRAIDGDTGINKPIHYRLET-AEEDTF	
MsBtR	(286)	RPPRWLEIFAVQQFEKSYQNFTVRAIDGDTEINMPINYRLIT-NEEDTF	
		351	400
AiBtR	(338)	FELETKEGSQ-GVWLHVGPIDRDELEKEVFLLSIIAYKYGDDG----TLY	
SfBtR	(339)	FSIENIGEGRDGARFHVAPIDRDYLRDMFHIRIIAYKQGDNDKEGESSF	
HzBtR	(336)	FSIQTIEGGREGAWFNAPIDRDTLEKEVFHVSIAYKYGDNDVEGSSSF	
OnBtR	(332)	FSLEVIEDG---AILHVTEIDRDKLERELFNLTIYAYKSTD-----ASF	
BmBtR	(336)	FHIRTIEGGRSGAILYVDPIDRDTLQREVFQLSIIAYKYDN-----ESS	
MsBtR	(335)	FSIEALPGGKSGAVFLVSPIDRDTLQREVFPLTIYAYKYDE-----EAF	
		401	450
AiBtR	(383)	ETPANITIIINDVNDQLPSPLKEGGVYTIDIMEETPMTLN-LENFGFHDR	
SfBtR	(389)	ETSANVTIIINDINDQRPEPFHK--EYTIISIMEETAMTLD-LQEFGFHDR	
HzBtR	(386)	QSKTDVVIIIVNDVNDQAPLPFRE--EYSIEIMEETAMTLD-LEDFGFHDR	
OnBtR	(373)	ATEAHIFIIIVNDVNDQRPEPLHK--EYSIDIMEETPMTLNFNEEFGFHDR	
BmBtR	(380)	ATAANVVIIVNDINDQRPEPLFK--EYRLNIMEETALTLNFDQEFGFHDR	
MsBtR	(379)	STSTNVVVIIVTDINDQRPEPIHK--EYRLAIMEETPLTLNFDKEFGFHDK	
		451	500
AiBtR	(432)	DLGPNAQYNVRLESVYPDGVHEAFYIAPERGYQRQSFFLSTQNHHMLDYE	
SfBtR	(436)	DIGPHAQYDVHLESIQPEGAHTAFYIAPEEGYQAQSFTIGTRIHNMLDYE	
HzBtR	(433)	DLGPHAQYTVHLESIHPPRAHEAFYIAPEVGYQRQSFIMGTQNHMLDFE	
OnBtR	(421)	DLGENAQYTVELEDVFPFGAASAFYIAPGSGYQRQTFIMGTINHTMLDYE	
BmBtR	(428)	DLGQNAQYTVRLESDDYPADAAKAFYIAPEVGYQRQTFIMGTANHKMLDYE	
MsBtR	(427)	DLGQNAQYTVRLESVDPPGAEEAFYIAPEVGYQRQTFIMGTNLNHSMLDYE	
		501	550
AiBtR	(482)	NETVDFTKIQIKAVAIDSLNNTMKGATININLINWNDELPIFKNSVQNV	
SfBtR	(486)	DDD-YRPGIKLKAVAIDRHDNNHIGEAIININLINWNDELPIFDEDAYNV	
HzBtR	(483)	VP--EFQNIQLRAVAIDMDDPKWVGIAIINIKLINWNDELPMFESDVQTV	
OnBtR	(471)	DV--IFQNIIIKVKAVDMNNASHVGEALVYVNLINWNDELPIFEBSYSA	
BmBtR	(478)	VP--EFQRIRLRVIAIDMDNEEHVGVAYVYINLINWNDEEPIFEHSVQNV	
MsBtR	(477)	VP--EFQSITIRVVATDNNDRHVGVVALVHIDLINWNDEQPIFEHAVQTV	
		551	600
AiBtR	(532)	SFPETVAAGFHVATIKAEDRDVGDRVEHSLMGNAVDFLTIDKYSGEIFVA	
SfBtR	(535)	TFEETVGDFHIGKYRAKDRDIGDIVEHSILGNAANFLRIDIDTGDVYVS	
HzBtR	(531)	SFDETEGAGFYVATVVAKDRDVGDKVEHSLMGNAVSYLRIDKETGEIFVT	
OnBtR	(519)	SFKETVGAGFPVATVLALDRDIDDVVHSLMGNAVDFLIDESTGEIFVS	
BmBtR	(526)	SFKETEGKGGFFVANVRAHARDRIDDRVEHTLMGNANNYLSIDKDTGDIHVT	
MsBtR	(525)	TFDETEGEGFFVAKAVAHARDRIDGVVEHTLLGNAVNFLTIDKLTGDIRVS	

FIG. 2B

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	601		650
AiBtR	(582)	VNNSFNYHRQNELFIQIRADDTLGEGPYHTTTSQ LVIYLEDVNNTPPVLR	
SfBtR	(585)	RDDYFDYQRQNEIIVQILAVDTLG-LPQNRATTQLTIFLEDINNTPPILR	
HzBtR	(581)	ENEAFNYHRQNELFVQIPADDTLG-EPYNTNTTQLVIKLRDINNTPPTLR	
OnBtR	(569)	MDDAFDYHRQNTLFLVQVRADDTLG DGPHNTVTTQLVIELEDVNNTPPTLR	
BmBtR	(576)	QDDFFDYHRQSELFVQVRADDTLG-EPFHTATSQ LLIHLEDINNTPPTLR	
MsBtR	(575)	ANDSFNYHRESELFVQVRATDTLG-EPFHTATSQ LVIRLNDINNTPPTLR	
	651		700
AiBtR	(632)	LPRRGPHVEENVPHGHPITNDDGIQLIASDPDTT AELWFEIDWEESYATK	
SfBtR	(634)	LPRSSPSVEENVVEVGHPIPEG--LTATDPDT--T ADLHFEIDWDNSYATK	
HzBtR	(630)	LPRATPSVEENVPDGFVIP----TQLHATDPDTT AELRFEIDWQNSYATK	
OnBtR	(619)	LPRSTPSVEENVPEGYEIS----REITATDPDTS AYLWFEIDWDSTWATK	
BmBtR	(625)	LPRGSPNVEENVPEGYIIT----SEIRATDPDTT AELRFEIDWTTSYATK	
MsBtR	(624)	LPRGSPQVEENVPDGHVIT----QELRATDPDTT ADLRFEINWDTSFATK	
	701		750
AiBtR	(682)	QGNE-TLKDEYRNCIEILTRYQDENRKGEAYGVLE VRQIRDDPVVTIDYE	
SfBtR	(680)	QGTNGPNTADYHGCVEILTVYPDPDNHGRAEGLV AREVSDG--VTIDYE	
HzBtR	(676)	QGRN-TDSKEYIGCIEIETIYPNINQRGNAIGRVV VREIRDG--VTIDYE	
OnBtR	(665)	QGRE-TNPTEYVGCIVIETIYPTEGNRGS AIGRLVVQEIRDN--VTIDFE	
BmBtR	(671)	QGRE-ANPIEFHNCVEIETIYPAINNRGS AIGRLVVKKIREN--VTIDYE	
MsBtR	(670)	QGRQ-ANPDEFRCNVEIETIFPEINNRLAIGRVV AREIRHN--VTIDYE	
	751		800
AiBtR	(731)	EFEVLYLVVRVRDRNTTLGDDYDEGTLTITI I DMNDNWPTWEEGQLTQQF	
SfBtR	(728)	KFEVLYLVVRVIDRNTVIGPDYDEAMLTVTI I DMNDNWPIWADNTLQQTL	
HzBtR	(723)	MFEVLYLTVIVRDLNTVIGEDHDISTFTITI I DMNDNPPLWVEGTLTQEF	
OnBtR	(712)	EFEMLYLTVRVRDLNTVIGDDYDEATFTITI I DMNDNAPIFANGTLTQTM	
BmBtR	(718)	EFEMLYLTVRVRDLNTVIGDDYDESTFTITI I DMNDNPPIWVPGTLEQSL	
MsBtR	(717)	EFEVLSLTVRVRDLNTVYGDDYDESMLTITI I DMNDNAPVWVEGTLQNF	
	801		850
AiBtR	(781)	RVREMSLSGVVIGSLRATDRDGPLYNQVRYTIQ PVDGTPADLV AIDFRTG	
SfBtR	(778)	RVREMADEGVIVGTLLATDL DGPLYNRVRYTMVPIKDT PDDLIAINYVTG	
HzBtR	(773)	RVREVAASGVVIGSVLATDIDGPLYNQVRYTIT PRLDTPEDLVDIDFNTG	
OnBtR	(762)	RVRELAASGTLIGSVLATDIDGPLYNQVRYTIQ PRNNTPEGLVKIDFTTG	
BmBtR	(768)	RVREMSDAGVVIGTLTATDIDGPLYNQVRYTMK ANEGTPENLLMIDFYTG	
MsBtR	(767)	RVREMSAGGLVVGSVRADDIDGPLYNQVRYTIF PREDTDKDLIMIDFLTG	
	851		900
AiBtR	(831)	QMTVQKNQAIDADVPPRFNLYYTVTASDKCSMED QS-NCPDDKTYWNTTA	
SfBtR	(828)	QLTVNKGQAIDADDPPRFYLYYKVTASDKCSLDE FFPVCPPDPTYWNTG	
HzBtR	(823)	QISVKLHQAI DADEPPRQNLYYTVIASDKCDLLTVT-ECPPDPTYFETPG	
OnBtR	(812)	QIEVDANEAI DADEPWRFYLYYTVIASDECSLENRT-ECPPDSNYFEVPG	
BmBtR	(818)	QITVKTSGAIDADVPPRYNLYYTVVATDRCYAED PD-DCPPDPTYWETPG	
MsBtR	(817)	QISVNTSGAIDADTPPRFHLYYTVVASDR CSTEDPA-DCPPDPTYWETG	

FIG. 2C

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		901		950
AiBtR	(880)	KIAIQVIDTNNKVPFVEPEKFKNEVTIVEDPVTGDVTFLTSESIYEDAVS		
SfBtR	(878)	EIAIAITDTNNKIPRAET-----DMFPSEKRIYENTPN		
HzBtR	(872)	EITIHITDTNNKVPQVE-----DDKFEATVYIYEGADD		
OnBtR	(861)	DIEIEIIDTNNKVPEPL-----TEKFNTTVYVWENATS		
BmBtR	(867)	QVVIQIIDTNNKIPQPE-----TDQFKAVVYIYEDAVS		
MsBtR	(866)	NITIHITDTNNKVPQAE-----TTKFDTVYIYENATH		
		951		1000
AiBtR	(930)	GDHVFQLFVGDLDRDLPNNNVSYTINFGVNPRIRDFFEVDLVTGWVRVHY		
SfBtR	(911)	GTKITTIASDQDRDRPNNALTYRINYAFNHRLNFFAVDPDTGELFVHF		
HzBtR	(905)	GQHVVQIYASDLDRDEIYHKVSYQINYAINSRLRDFFEMDLESGLVYVNN		
OnBtR	(894)	GDEVVQLYSHDRDRDELYHTVRYTMNFAVNPRLRDFFEVDLDTGRLEVHY		
BmBtR	(900)	GDEVVKVIGSDLRDDIYHTIRYQINYAVNPRLRDFFAVDPDTGRVYVYY		
MsBtR	(899)	LDEVVTLIASDLDRDEIYHTVSYVINYAVNPRLMNFFSVNRETGLVYVDY		
		1001		1050
AiBtR	(980)	PG---PDKLDRDGDEPTHRIHFSIFDNFMSEGEPNRNQISGEALIILLDV		
SfBtR	(961)	TTS---EVLDRDGEEPEHRIIFTIVDNLEGAGDGNQNTISTEVRVILLDI		
HzBtR	(955)	TAG---ELLDRDGDEPTHRIFFNVIDNFYGEDGNRNQNETQVLVLLDI		
OnBtR	(944)	PG---DEKLDRDGDEPTHTIFVNFIDNFFSDGDGRRNQDEVEIFVLLDV		
BmBtR	(950)	TT---DEVLDRDGDEPQHRIFFNLDNFFQQGDGNRNQNDAEVLVLLDV		
MsBtR	(949)	ETQGSGEVLDRDGDEPTHRIFFNLIDNFMGEGEGNRNQNDTEVLVILLDV		
		1051		1100
AiBtR	(1027)	NDNKPPELSPDSFPPWTVSESVVEGVRIPPEILAPDRDEPGTDNSRVAYD		
SfBtR	(1008)	NDNKPPEL-IPDGEFWTVSEGEVEGKRIPPEIHAHDRDEPFNDNSRVGYE		
HzBtR	(1002)	NDNYPELP---ETIPWAISESLELGERVQPEIFARDRDEPGTDNSRVAYA		
OnBtR	(991)	NDNAPEMPL-PDELRFVDSEGAAGVRVLPEIYAPDRDEPDTNSRVGYG		
BmBtR	(997)	NDNAPELPE-PDELSWSVSESLTKGTRLQPHIYAPDRDEPDTNSRVGYA		
MsBtR	(999)	NDNAPELPP-PSELSWTISENLKQGVRLPHIFAPDRDEPDTNSRVGYE		
		1101		1150
AiBtR	(1077)	LLGVTPER-DIEVPQLFKIETIEKDLG-INQTGILETVTPLQGYWGTYEI		
SfBtR	(1057)	IRSIKLINRDIELPQDPFKIITIDDLDTWKVGELETTMDLRGYWGTYDV		
HzBtR	(1049)	ITGLASTDRDIQVPNLFNMITIERDRG-IDQTGILEAAMDLRGYWGTYQI		
OnBtR	(1040)	ILDLTITDRDIEVPDLFTMISIEN-----KTGELETAMDLRGYWGTYEI		
BmBtR	(1046)	IISLTIANREIEVPELFTMIQIQN-----VTGELETAMDLRGYWGTYAI		
MsBtR	(1048)	ILNLSTER-DIEVPELFTMIQIAN-----VTGELETAMDLRGYWGTYAI		
		1151		1200
AiBtR	(1125)	HIKAFDHGDPQRESDEKYQLVVRPYNFHEPTFVFPLDGSAIRLSRDRAIV		
SfBtR	(1107)	EIRAFDHGFPM LDSFETYQLTVRPYNFHSVPVFVFTPGSTIRLSRERAI		
HzBtR	(1098)	DIQAYDHGIPQRISNQKYPLVIRPYNFHDVPVFVFPQPGSTIRLAKERAVV		
OnBtR	(1084)	FIEAFDHGYPPQORSNETYTLVIRPYNFHHVPVFVFPQPDVIRLSRERATE		
BmBtR	(1090)	HIKAYDHGIPQOMSNETYELVIRPYNFHAPVFVFPKHGATLRLARERAVV		
MsBtR	(1091)	HIRAFDHGIPQMSMNETYELIIHPFNYYAPEFVFPTNDVIRLARERAVI		

FIG. 2D

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		1201		1250
AiBtR	(1175)	SGELTVVGAAQ-APLQRISATDEDEGLHAGTVSFSVVGDDDEAMNYFDVWND		
SfBtR	(1157)	NGMLALANIASGEFLDRLSATDEDEGLHAGRVTFISIAGNDEAAEYFNVLND		
HxBtR	(1148)	NGILATVDG---EFLDRIVATDEDEGLEAGLVTFISIAGDDEDAQFFDVLND		
OnBtR	(1134)	GGVLATAAN---EFLEPIYATDEDEGLHAGSVTFHVQGNEEAVQYFDITEV		
BmBtR	(1140)	NGLLATVDG---EFLNRIVATDEDEGLHAGQVAFEVVGDTEAVDYFHVND		
MsBtR	(1141)	NGVLATVNG---EFLERISATDPDGLHAGVVTFQVVGDEESQRYFQVND		
		1251		1300
AiBtR	(1224)	GE--NSGMLALKQALPDGFQEFKLTIRATDAGDEPGPKSTDSTVTVVFIP		
SfBtR	(1207)	GDN--SAMLTLKQALPAGVQQFELVIRATDGGTEPGPRSTDSCSVTVVFM		
HxBtR	(1195)	GVN--SGALTTLRLFPPEEFREFQVTIRATDGGTEPGPRSTDCLVTVVFVP		
OnBtR	(1181)	GAGENSGQLILRQLFPQIRQFRITIRATDGGTEPGPLWTDVTFVVFVP		
BmBtR	(1187)	GE--NSGTLMLKQLFPEDIREFEVTIRATDGGTEPRPLSTDCTFSVVFVP		
MsBtR	(1188)	GE--NLGSLRLQLAVPEEIREFRITIRATDQGTDPGPLSTDMTFRVVFVP		
		1301		1350
AiBtR	(1272)	Q-VEPQFPNTTQEVAFIEFEAGRSEHRLTAAVDQKNILCDIDCYTVVYIT		
SfBtR	(1255)	TQGDPVFDNAASVRVFEKEAGMSEKFLPQADDPKNYRCMDDCHTIYYS		
HxBtR	(1243)	TQGEVPFEDRTYTVAFFVEKDEGMLLEAEPRASDPNIMCEDDCHDTYYS		
OnBtR	(1231)	TQGDPVFSENAATVAFFEGEGLRESFELPQAECLKNHLCEDDCQDIYYR		
BmBtR	(1235)	IQGEPIFPTSTHTVAFIEKEAGLLERHELPRAEKRNHLCSDDCHNIYYR		
MsBtR	(1236)	TQGEPRFASSEHAVAFIEKSAGMEESHQLPLAQDIKNHLCEDDCHSIYYR		
		1351		1400
AiBtR	(1321)	IIIGNAAGHFALDGG--NYLMLVSELDRAQAERHETLOVAASNY-PEGVTIAA		
SfBtR	(1305)	IVDGNDDGHFAVEPEENVTYLLKPLDRSCQBOYRVVVAASNT-EGGTSTL		
HxBtR	(1293)	IVGGNSGEHFTVDPRTNVLISLVKPLDRSEQSTHLLTCASDT-DNPAAVI		
OnBtR	(1281)	FIDGNNEGLFVLDOSENVTSLAQELDREVATSYTIRLAASNSPDATCTPI		
BmBtR	(1285)	IIDGNNDGHFGLDETENVLFLVKRIDRSVSETYTLTIAASNS-PTGGIAI		
MsBtR	(1286)	IIDGNSEGHFGLDQVRNRLFLKKELREBOSASITLOVAASNS-PEGGLPI		
		CryIA Binding domain		
		1401		1450
AiBtR	(1368)	PASTLTIVIVTVREANRPDPFERNIYTTOMSATDTDSRPPLTVSATHSE		
SfBtR	(1354)	SSSLIVVTLGVREANRPDPFESFYTAGVLEHDSH-KELVYLAARHSE		
HxBtR	(1342)	QASTLTIVIVTVREANRPDPVFORALYTAGISAGQPIE-RNLGLVATHSE		
OnBtR	(1331)	QTSILVTVTVVREANRPDPFQDLYTAGISTLDSIG-RELLTVRATHSE		
BmBtR	(1334)	IS-VTITLTVVREADFPQFVRDLYTAGISTDSIN-RELLTQATHSE		
MsBtR	(1335)	PASTLTIVIVTVREANRPDPFVRELTYTAGISTADSIG-RELLRLHATHSE		
		CryIA Binding domain		
		1451		1500
AiBtR	(1418)	LPATVYALDQDENVLDPTLQVRESAFSMPETGELMRMLQPMANMHGMFE		
SfBtR	(1403)	LPVYKSIDQETMKRTDSLSQTVVEDAFDINSALGVI-SLNFOPTSYMHCSP		
HxBtR	(1391)	LPATVYTLTQESMEADPTLEAVQESAFILNPETGVLSLNFOPTASMHGMFE		
OnBtR	(1380)	DTITVYTLDRASMOLDSSLEAVRDSAPALHATTCVLSLNFOPTASMHGMFE		
BmBtR	(1382)	APTRVYKIDNSITVTDPTLASVRETAFTLNHTIGVLETLNLOPTASMHGMFE		
MsBtR	(1384)	SANVTYALDYDTMIVDPSLEAVROSATVLAQTGVLETLNLOPTATMHGLFK		
		CryIA Binding domain		

FIG. 2E

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		1501		1550
AiBtR	(1468)	EDLLATDITACATGOSHNKVVLLTSRNRVATFVNSQESVQEHRTFIAQTF		
SfBtR	(1453)	REVVASDTRGASDRAKVSTMTSTRVRVATLFINTEAEVNERNNFIAQTF		
HzBtR	(1441)	REVKATDSRTETARTEVKVVLLTSRNRVATFVNSQESVQEHRTFIAQTF		
OnBtR	(1430)	EDVITATDITASATDTARVKKVLLTSRNRVATFVNSQESVQEHRTFIAQTF		
BmBtR	(1432)	EDVITATDITASATDTARVKKVLLTSRNRVATFVNSQESVQEHRTFIAQTF		
MsBtR	(1434)	REVITATDITAGADRTDVTATVWSSONRVATFVNSQESVQEHRTFIAQTF		
		CryIA Binding domain		
		1551		1600
AiBtR	(1518)	TRVYSMTCNIEDIVPATD-SNGQYLTTETHVTAHFIRDDLPVDADDVQEL		
SfBtR	(1503)	ANAFGMTCNIDSVLPATD-ANGVIREGYTELQAHFIRDDQVPADYIEGL		
HzBtR	(1491)	TAFFGMTCNIDQSWWASDPVTGATKDDQTEVRAHFIRDDLPVPAEEIEQL		
OnBtR	(1480)	STGFNMTCNIDQVVPFSD-SSGVAQDDTTEVRAHFIRDNVPVQAQVEAV		
BmBtR	(1482)	SAGFEMTCNIDQVVPATD-ASGVIMNGITEVRGHFIRDNVPVPADEIETL		
MsBtR	(1484)	SAGFNMTCNIDQVVPANDPVTGVALEHSTQMRGHFIRDNVPVLADEIEQI		
		1601		1650
AiBtR	(1567)	IEDTELFRELRTTMLGLGLQLTNVQSGLPSPVAGEDQMLAVYILAGLAGV		
SfBtR	(1552)	FTELNTLRDIREVLSTQQLTLLDFAAGGSAVLPGGEYALAVYILAGIAAL		
HzBtR	(1541)	RGNPTLVNSIQRALEEQNQLADLFTGETPILGGDAQARALYALAAVAAA		
OnBtR	(1529)	RSDTVLLRTIQLMLSTNSLVLQDLVTGDTPTLGEESMQIAVYALAAALSAV		
BmBtR	(1531)	RGDMVLLTAIQSTLATRLLVLRDLFTDTSPAP-DAGSAAVLYALAVLSAL		
MsBtR	(1534)	RSDLVLLSSIQTTLAARSLVLQDLLTNSSPDS-APDSSLTVYVLAASLSAV		
			Trans -	
		1651		1700
AiBtR	(1617)	LALLCIVLLITFIIRNRSNRRRIAALSATKYNSVDSNLNRIGLAAPGTNK		
SfBtR	(1602)	LAVICLALLIAFFIRNRTLNRRIEALTIKDVP-TDIEPNHASVAVLNINK		
HzBtR	(1591)	LALIVVLLLVFFVTRTRLNRRLQALSMTKYSSQDSGLNRVGLAAPGTNK		
OnBtR	(1579)	LGFLCLVLLLALFCRTRALNRQLQALSMTKYGSVDSGLNRAGLAP-GTNK		
BmBtR	(1580)	LAALCLLLLVIIFIIRTKKLNRRLEALTVKKYGSVDSGLNRVGIAAPGTNK		
MsBtR	(1583)	LGFMCVLVLLTFFIIRTRALNRRLLEALSMTKYGSLSGLNRAGIAAPGTNK		
		membrane		
		1701		1750
AiBtR	(1667)	HAFE-PNPIWNETIKAPDFDAISEQSNDSDLIGIEDLPQFRNDYFPPEQE		
SfBtR	(1651)	HTEPGSNPFYNPDVKTPNFDTISEVS--DDLLEDLEQFGKDYFPPENE		
HzBtR	(1641)	HAVEGSNPIWNETLKAPDFDALSEQSYDSDLIGIEDLPQFRNDYFPPEEG		
OnBtR	(1628)	HAVEGSNPMWNEAIRAPDFDAISDASGDSDLIGIEDMPQFRDDYFPFGDT		
BmBtR	(1630)	HAVEGSNPIWNETIKAPDFDSMSDASNDSDLIGIEDLPHFGENNYFPRDV		
MsBtR	(1633)	HTVEGSNPIFNEAIKTPDLDAISEGSNDSDLIGIEDLPHFGN---VFMDP		
		1751		1795
AiBtR	(1716)	IDMNSNDIGYPEMDARNPLPNHENNFGYSNAPFNPFTNSQSRR-		
SfBtR	(1699)	IESLN-----FARNPIATHGNNFGVNSSPSNPEFSNSQFRS-		
HzBtR	(1691)	SSMRG----VVNEHVPESIANHNNNFGFNSTPFSPEFANTQFRR-		
OnBtR	(1678)	DSSSGIVLHMGEATDNKPVTTHGNNFGFKSTPYLPQPHK-----		
BmBtR	(1680)	DEFK-----TDKPEDIVATHNNNFGFKSTPFSPEFANQFQK--		
MsBtR	(1680)	EVNE-----KANGYPEVANHNNNFAFNPTPFSPEFVNGQFRKI		

FIG. 2F